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## UTILITY **PATENT APPLICATION TRANSMITTAL**

Attor	ney Docket No.	Techpro # 1-2	
First	Inventor	chafer, H. L.	et
Title	UPSTREAM	SEAL FOR M. ROTO	RS

(Only for new nonprovisional applications under 37 CFR 1.53(b)) Express Ma

TREAM SEAL FOR M. ROTORS	12
ail Label No.	A 22 = 1
Assistant Commissioner for Patents Box Patent Application Washington, DC 20231	70426 /0426
CD-ROM or CD-R in duplicate, large table or Computer Program ( <i>Appendix</i> ) ide and/or Amino Acid Sequence Submission icable, all necessary)	101

APPLICA	TION ELEMENTS	ADDRESS TO: Assistant Commissioner for Patents  Box Patent Application		
See MPEP chapter 600 cond	eming utility patent application contents.	Washington, DC 20231		
1. Kubmit an original and a c	orm (e.g., PTO/SB/17) duplicate for fee processing) mall entity status.	CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)  8. Nucleotide and/or Amino Acid Sequence Submission		
See 37 CFR 1.27.  Specification (preferred errangement	. [Total Pages 16 ]	(if applicable, all necessary)  a. Computer Readable Form (CRF)		
- Descriptive title	of the invention	b. Specification Sequence Listing on:		
	e to Related Applications arding Fed sponsored R & D	i. CD-ROM or CD-R (2 copies); or		
- Reference to se	quence listing, a table,	i i. 🔲 paper		
or a computer p - Background of t	rogram listing appendix the Invention	c. Statements verifying identity of above copies		
- Brief Summary - Brief Description	of the Invention n of the Drawings (if filed)	ACCOMPANYING APPLICATION PARTS		
- Detailed Descrip		Assignment Papers (cover sheet & document(s))		
- Claim(s) - Abstract of the	Disclosure	37 CFR 3.73(b) Statement Power of		
		10. (when there is an assignee) Attomey  11. English Translation Document (if applicable)		
4. The Drawing(s) (35 U	.S.C. 113) [Total Sheets]	Information Disclosure Copies of IDS		
5. Oath or Declaration	[ Total Pages 3 ]	12. Statement (IDS)/PTO-1449 Citations		
a. Newly exect	ted (original or copy) prior application (37 CFR 1.63 (d))	13. Preliminary Amendment		
b. [] (for continual	tion/divisional with Box 18 compléted)	14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)		
	ION OF INVENTOR(S) tement attached deleting inventor(s)	15. Certified Copy of Priority Document(s) (if foreign priority is claimed)		
named in t	he prior application, see 37 CFR and 1.33(b).	16. Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.		
6. Application Data				
		ly the requisite information below and in a preliminary amendment,		
or in an Application Data She	Divisional (CIP)	of prior application No.:. 09 / 707, 208		
Prior epplication information:	Exeminer C. Cooley	of prior application No.:. 09 / 707 , 208  Group Art Unit: 1723		
For CONTINUATION OR DIVISI	ONAL APPS only: The entire disclosure of the	prior application, from which an oath or declaration is supplied under		
		ation or divisional application and is hereby incorporated by reference. ently omitted from the submitted application parts.		
	19. CORRESPONDE	NCE ADDRESS		
Customer Number or Ber Co	ode Lebel (Insert Customer No. or Affect bea	code label here) or X Correspondence eddress below		
Name	ARTHUR R. EGLING	TON, ESQ.		
	113 Cross Creek	Drive RD # 5		
Address				
City	Pottsville	State Penna. Zip Code 17901		
Country	United States Tele	phone 570-385-5021 Fax 385-2532		
Name (Print/Type)	Arthur R. Eglington	Registration No. (Attorney/Agent) 19,8683		
Signature	appe Muhlha	Date Nov.15 2001		
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FEE TRANSMITTAL		Complete if Kn wn		
		Application Number	To be asgd.	
for FY 2001		Filing Date	Re be asgd.	
		First Named Inventor	Schafer, H.L. et al.	
		Examiner Name		
		Group Art Unit		
TOTAL AMOUNT OF PAYMENT	(\$)	Attorney Docket No.		

METHOD OF PAYMENT	FEE CALCULATION (continued)			
	3. ADDITIONAL FEES			
indicated fees and credit any overpayments to:  Deposit	Lerge Smali			
Account	Entity Entity Fee Fee Fee Fee Fee Description	Fee Paid		
Number Deposit	Fee Fee Fee Fee Fee Description	ree raiu		
Account Name	105 130 205 65 Surcharge - late filing fee or oath			
Charge Any Additionel Fee Required Under 37 CFR 1.16 end 1.17	127 50 227 25 Surcharge - late provisional filing fee or cover sheet			
Applicant claims small entity status.	139 130 139 130 Non-English specification			
See 37 CFR 1.27	147 2,520 147 2,520 For filing a request for ex parte reexamination			
2. X Payment Enclosed: Check Credit card Money Other	112 920* 112 920* Requesting publication of SIR prior to Examiner action			
FEE CALCULATION	113 1,840* 113 1,840* Requesting publication of SIR after Examiner action			
1. BASIC FILING FEE	115 110 215 55 Extension for reply within first month			
Lerge Entity Small Entity	116 390 216 195 Extension for reply within second month			
Fee Fee Fee Fee Description	117 890 217 445 Extension for reply within third month			
Code (\$) Code (\$) Fee Paid  101 710 201 XXX Utility filing fee 370.	118 1,390 218 695 Extension for reply within fourth month			
106 320 206 160 Design filing fee	128 1,890 228 945 Extension for reply within fifth month			
107 490 207 245 Plant filing fee	119 310 219 155 Notice of Appeal			
108 710 208 355 Reissue filing fee	120 310 220 155 Filing a brief in support of an appeal			
114 150 214 75 Provisional filing fee	121 270 221 135 Request for oral hearing			
	138 1,510 138 1,510 Petition to institute a public use proceeding			
SUBTOTAL (1) (\$)	140 110 240 55 Petition to revive - unavoidable			
2. EXTRA CLAIM FEES	141 1,240 241 620 Petition to revive - unintentional			
Fee from Extra Claims <u>below</u> Fee Paid	142 1,240 242 620 Utility issue fee (or reissue)			
Total Claims -20** = X =	143 440 243 220 Design issue fee			
Independent - 3** = X = =	144 600 244 300 Plant issue fee			
Multiple Dependent =	122 130 122 130 Petitions to the Commissioner			
	123 50 123 50 Processing fee under 37 CFR 1.17(q)			
Large Entity Small Entity Fee Fee Fee Fee Description	126 180 126 180 Submission of Information Disclosure Stmt			
Code (\$) Code (\$) 103 18 203 9 Claims in excess of 20	581 40 581 40 Recording each patent assignment per property (times number of properties)			
102 80 202 40 Independent claims in excess of 3	146 710 246 355 Filing a submission after final rejection (37 CFR § 1.129(a))			
104 270 204 135 Multiple dependent claim, if not paid  109 80 209 40 ** Reissue independent claims over original patent	149 710 249 355 For each additional invention to be examined (37 CFR § 1.129(b))			
	179 710 279 355 Request for Continued Examination (RCE)			
110 18 210 9 ** Reissue claims in excess of 20 and over original patent	169 900 169 900 Request for expedited examination of a design application			
SUBTOTAL (2) (\$)	Other fee (specify)			
*for number previously peid, if greeter; For Reissues, see above	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)			

SUBMITTED BY		Complete (if applicable)
Neme (Print/Type)	Arthur R. Eglington Registration No. 19,868	Telephone 570-385-5021
Signature	Cally S' denatter	Date Nov.   2001

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